

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		and microcontroller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 18:36
		(microcontroller and (neutral with ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 16:44
		"361"/\$.ccls. and ((ground adj neutral) same (microcontroller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:45
		S30 and (low same resist\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:04
		S30 and (low same resist\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:04
		S30 and (low same resist\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:04
		S5 and ((first adj layer) and (second adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 12:06
L1	2232	361/42-46.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 18:36
L2	163	1 and (microcontroller or microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 18:35
L3	143	2 and (fault)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 18:35

L4	81	2 and (neutral with ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 18:35
L5	884	361/78-79.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 18:36
L6	21	5 and microcontroller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 18:36
L7	985	361/87.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 19:15
L8	625	361/93.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 19:15
L9	49	361/93.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 19:15
S1	1	("6721162").PN.	USPAT; USOCR	OR	OFF	2005/10/24 13:38
S2	0	("weldon-edwin-c.in.").PN.	USPAT; USOCR	OR	OFF	2005/10/18 15:54
S3	16	weldon-edwin-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 15:54
S4	0	("3and(electrostaticadjchuck)").PN.	USPAT; USOCR	OR	OFF	2005/10/18 15:55
S5	13	S3 and (electrostatic adj chuck)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 16:06
S6	1	S5 and ((first adj layer) and (second adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 15:56

S7	1	("6721162").PN.	USPAT; USOCR	OR	OFF	2005/10/18 16:00
S8	37	("4384918"   "4412133"   "4480284"   "4645218"   "4665463"   "4832781"   "5055964"   "5104834"   "5117121"   "5151845"   "5166856"   "5191506"   "5221450"   "5258047"   "5275683"   "5280156"   "5315473"   "5324053"   "5325261"   "5350479"   "5382469"   "5463526"   "5542559"   "5606485"   "5631803"   "5636098"   "5720818"   "5745331"   "5748436"   "5801915"   "5822171"   "5847918"   "5886863"   "5909354"   "6055150"   "6108189"   "6141203").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 16:00
S9	13	S3 and low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 16:10
S10	5	S9 and slow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 16:10
S11	5	S9 and (charging same slow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 16:11
S12	5	S3 and (charging same slow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 16:11
S13	16	weldon-edwin-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 11:55
S14	5	S13 and (charging same slow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 12:17
S15	100210	(first adj layer) and (second adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 12:14

S16	1	S14 and (first adj layer) and (second adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 12:14
S17	1	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 12:15
S18	5	S14 and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 12:18
S19	2	"20040190215"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 12:18
S20	0	("20040190215").PN.	USPAT; USOCR	OR	OFF	2005/10/20 12:18
S21	1	S19 and ((first adj layer) and (second adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 12:19
S22	16	weldon-edwin-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 19:13
S23	5	S22 and (charging same slow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 19:13
S24	5	S23 and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 19:13
S25	5	S24 and (dielectric same sintering)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 19:13
S26	1	("6108189").PN.	USPAT; USOCR	OR	OFF	2005/10/24 13:38

S27	16	weldon-edwin-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:03
S28	5	S27 and (charging same slow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:03
S29	5	S28 and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:03
S30	5	S29 and (dielectric same sintering)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:03
S31	0	S30 and (low same resist)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:04
S32	5	S30 and (low same resistivity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:05
S33	5	S30 and (low same seconds)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:37
S34	656	361/234.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:37
S35	2597	361/230-235.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:37
S36	5	S35 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:43

S37	162	360/264.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:43
S38	0	360/106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:43
S39	0	360/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:43
S40	2374	361/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:44
S41	112	360/323.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:44
S42	1	("6318437").PN.	USPAT; USOCR	OR	OFF	2005/10/25 12:11
S43	132	garmonov.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 12:11
S44	3	S43 and (decoupling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 12:24
S45	5	((("4704733") or ("4850034") or ("5502715") or ("5737687") or ("5790961"))).PN.	USPAT; USOCR	OR	OFF	2005/10/25 12:25
S46	0	S45 and decoupling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 12:37
S47	0	("60428537").PN.	USPAT; USOCR	OR	OFF	2005/10/25 12:37

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S48	1	"60428537" and brown	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 13:09
S49	140558	"361"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 13:46
S50	7	("1006584").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/25 13:36
S51	0	sircom-richard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 13:36
S52	12	sircom-richard-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 15:14
S53	1	("4063815").PN.	USPAT; USOCR	OR	OFF	2005/10/25 13:37
S54	939	S49 and microcontroller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 13:47
S55	126	S49 and (microcontroller same fault)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 13:49
S56	28	S55 and (half adj cycle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:44
S57	22	S56 and neutral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 14:15

S58	22	S57 and ground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 14:14
S59	18	S56 and (ground same neutral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 15:16
S60	6	S52 and (time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 15:14
S61	28	S56 and (time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 15:16
S62	18	S59 and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 15:20
S63	18	S62 and interrupter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 16:04
S64	9	S63 and gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 15:24
S65	3	(US-20030072113-\$).did. or (US-6259996-\$ or US-6414829-\$). did.	US-PGPUB; USPAT	OR	ON	2005/10/25 17:08
S66	0	S65 and damp	US-PGPUB; USPAT	OR	ON	2005/10/25 17:08
S67	1	("3879639").PN.	USPAT; USOCR	OR	OFF	2005/10/25 17:10
S68	5	(US-20030072113-\$).did. or (US-6259996-\$ or US-6414829-\$ or US-4053815-\$ or US-3879639-\$). did.	US-PGPUB; USPAT	OR	ON	2005/10/25 18:21
S69	5	(US-20030072113-\$).did. or (US-6259996-\$ or US-6414829-\$ or US-4053815-\$ or US-3879639-\$). did.	US-PGPUB; USPAT	OR	ON	2005/10/26 11:15



S70	1	("6721162").PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34
S71	0	("weldon-edwin-c.in.").PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34
S72	16	weldon-edwin-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S73	0	("3and(electrostaticadjchuck)").PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34
S74	13	S72 and (electrostatic adj chuck)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S75	1	S74 and ((first adj layer) and (second adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S76	1	("6721162").PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34
S77	37	("4384918"   "4412133"   "4480284"   "4645218"   "4665463"   "4832781"   "5055964"   "5104834"   "5117121"   "5151845"   "5166856"   "5191506"   "5221450"   "5258047"   "5275683"   "5280156"   "5315473"   "5324053"   "5325261"   "5350479"   "5382469"   "5463526"   "5542559"   "5606485"   "5631803"   "5636098"   "5720818"   "5745331"   "5748436"   "5801915"   "5822171"   "5847918"   "5886863"   "5909354"   "6055150"   "6108189"   "6141203").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 11:34
S78	13	S72 and low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S79	5	S78 and slow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34

S80	5	S78 and (charging same slow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S81	5	S72 and (charging same slow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S82	16	weldon-edwin-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S83	5	S82 and (charging same slow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S84	100309	(first adj layer) and (second adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S85	1	S83 and (first adj layer) and (second adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S86	1	S83 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S87	5	S83 and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S88	2	"20040190215"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S89	0	("20040190215").PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34
S90	1	S88 and ((first adj layer) and (second adj layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34

S91	16	weldon-edwin-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S92	5	S91 and (charging same slow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S93	5	S92 and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S94	5	S93 and (dielectric same sintering)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S95	1	("6108189").PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34
S96	16	weldon-edwin-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S97	5	S96 and (charging same slow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S98	5	S97 and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S99	5	S98 and (dielectric same sintering)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S10 0	0	S99 and (low same resist)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S10 1	5	S99 and (low same resistivity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34

S10 2	5	S99 and (low same seconds)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S10 3	657	361/234.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S10 4	2598	361/230-235.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S10 5	5	S104 and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S10 6	162	360/264.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S10 7	0	360/106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S10 8	0	360/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S10 9	2375	361/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S11 0	112	360/323.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S11 1	1	("6318437").PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34
S11 2	132	garmonov.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34

S11 3	3	S112 and (decoupling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S11 4	5	((("4704733") or ("4850034") or ("5502715") or ("5737687") or ("5790961"))).PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34
S11 5	0	S114 and decoupling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S11 6	0	("60428537").PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34
S11 7	1	"60428537" and brown	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S11 8	140558	"361"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S11 9	7	("1006584").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 11:34
S12 0	0	sircom-richard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S12 1	12	sircom-richard-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S12 2	1	("4063815").PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34
S12 3	939	S118 and microcontroller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34

S12 4	126	S118 and (microcontroller same fault)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:41
S12 5	28	S124 and (half adj cycle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S12 6	22	S125 and neutral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S12 7	22	S126 and ground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S12 8	18	S125 and (ground same neutral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S12 9	6	S121 and (time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S13 0	28	S125 and (time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S13 1	18	S128 and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S13 2	18	S131 and interrupter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S13 3	9	S132 and gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:34
S13 4	1	("3879639").PN.	USPAT; USOCR	OR	OFF	2005/10/26 11:34

S13 5	5	(US-20030072113-\$).did. or (US-6259996-\$ or US-6414829-\$ or US-4053815-\$ or US-3879639-\$). did.	US-PGPUB; USPAT	OR	ON	2005/10/26 11:38
S13 6	1	S135 and comparing	US-PGPUB; USPAT	OR	ON	2005/10/26 11:38
S13 7	0	S135 and compar	US-PGPUB; USPAT	OR	ON	2005/10/26 11:38
S13 8	45	S124 and (neutral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 11:41
S13 9	11	(US-20030072113-\$ or US-20040109269-\$).did. or (US-6259996-\$ or US-6414829-\$ or US-4053815-\$ or US-3879639-\$ or US-6466029-\$ or US-6625550-\$ or US-6262871-\$ or US-6218647-\$ or US-6137418-\$).did.	US-PGPUB; USPAT	OR	ON	2005/10/26 12:07

S14 0	166	("2808566"   "2832642"   "2898420"   "3471784"   "3538241"   "3588611"   "3600502"   "3622872"   "3660721"   "3684955"   "3716757"   "3746930"   "3775675"   "3812337"   "3858130"   "3869665"   "3878460"   "3911323"   "3914667"   "3932790"   "3939410"   "4052751"   "4074193"   "4081852"   "4087744"   "4156846"   "4166260"   "4169260"   "4214210"   "4233640"   "4245187"   "4251846"   "4264856"   "4316187"   "4344100"   "4354154"   "4356443"   "4378525"   "4387336"   "4459576"   "4466071"   "4477855"   "4587588"   "4616200"   "4639817"   "4642733"   "4644439"   "4652867"   "4658322"   "4697218"   "4702002"   "4707759"   "4771355"   "4810954"   "4816958"   "4833564"   "4835648"   "4839600"   "4845580"   "4847719"   "4853818"   "4858054"   "4866560"   "4882682"   "4893102"   "4901183"   "4922368"   "4931894"   "4939495"   "4949214"   "4969063"   "5010438"   "5047724"   "5051731"   "5121282"   "5166861"   "5168261"   "5179491"   "5185684"   "5185685"   "5185686"   "5185687"   "5206596"   "5208542"   "5223795"   "5224006"   "5257157"   "5280404"   "5286933"   "5307230"   "5334939"   "5353014"   "5359293"   "5363269"   "5373241"   "5383084"   "5388021"   "5396179"   "5412526"   "5412590"   "5420740"   "5424894"   "5434509"   "5444424"   "5446431"   "5448443"   "5452223"   "5459630"   "5473494"   "5477150"   "5481235"   "5483211"   "5485093"   "5493278"   "5499189"   "5506789"   "5510946"   "5512832"   "5519561"   "5531617"   "5546266"   "5561605"   "5568371"   "5578931"   "5590010").PN. OR ("5590012"   "5602709"   "5608328"   "5617019"   "5638244"   "5657244"   "5659453"   "5661645"   "5682101"   "5691869"   "5701110"   "5706154"   "5726577"   "5729145"   "5764125"   "5805397"   "5805398"   "5815352"   "5818237"   "5818671"   "5825998" "5834940"   "5835319"   "5835321"   "5839092"   "5847913"	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 11:55
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S14 1	37	S140 and ((microcontroller sensor neutral fault) and (half adj cycle))	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 11:59
S14 2	20	S141 and (neutral same ground)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 11:59
S14 3	0	S142 and (microcontroller)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 11:59
S14 4	0	S140 and microcontroller	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 12:01
S14 5	9	S139 and (neutral same ground)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 12:04
S14 6	1	("4063815").PN.	USPAT; USOCR	OR	OFF	2005/10/26 12:03
S14 7	1	("5434509").PN.	USPAT; USOCR	OR	OFF	2005/10/26 12:05
S14 8	2	((("5434509") or ("6242922"))).PN.	USPAT; USOCR	OR	OFF	2005/10/26 12:05
S14 9	1	S139 and micro	US-PGPUB; USPAT	OR	ON	2005/10/26 12:07
S15 0	11	(US-20030072113-\$ or US-20040109269-\$).did. or (US-6259996-\$ or US-6414829-\$ or US-4053815-\$ or US-3879639-\$ or US-6466029-\$ or US-6625550-\$ or US-6262871-\$ or US-6218647-\$ or US-6137418-\$).did.	US-PGPUB; USPAT	OR	ON	2005/10/26 13:35
S15 1	9	S150 and microcontroller	US-PGPUB; USPAT	OR	ON	2005/10/26 12:09
S15 2	7	S151 and (ground same neutral)	US-PGPUB; USPAT	OR	ON	2005/10/26 12:09
S15 3	7	S152 and (ground with neutral)	US-PGPUB; USPAT	OR	ON	2005/10/26 12:11
S15 4	6	S153 and half	US-PGPUB; USPAT	OR	ON	2005/10/26 12:11
S15 5	6	S153 and (half adj cycle)	US-PGPUB; USPAT	OR	ON	2005/10/26 12:12
S15 6	6	S155 and (sensor)	US-PGPUB; USPAT	OR	ON	2005/10/26 12:12
S15 7	0	S156 and (damp)	US-PGPUB; USPAT	OR	ON	2005/10/26 12:13
S15 8	1	("6259996").PN.	USPAT; USOCR	OR	OFF	2005/10/26 13:17

S15 9	1	S158 and (ground same neutral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:17
S16 0	1	S159 and (half adj cycle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:17
S16 1	1	S160 and trip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:18
S16 2	1	S161 and microcontroller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:21
S16 3	1	S161 and (sensor same microcontroller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:27
S16 4	0	S163 and ("4053815")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:28
S16 5	4	(ground adj neutral) and ("4053815")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:58
S16 6	11	S150 and threshold	US-PGPUB; USPAT	OR	ON	2005/10/26 13:36
S16 7	10	S166 and compar\$5	US-PGPUB; USPAT	OR	ON	2005/10/26 13:36
S16 8	1	"361"/\$.ccls. and ((ground adj neutral) same (microcontroller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:46
S16 9	23	"361"/\$.ccls. and ((ground adj neutral) and (microcontroller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:47

S17 0	184	"361"/\$.ccls. and ((ground adj neutral) same (fault))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:48
S17 1	9	S170 and microcontroller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:50
S17 2	1	S171 and compare	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:50
S17 3	0	S171 and compar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:50
S17 4	10	(ground adj\$6 neutral) and ("4053815")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 13:59
S17 5	7	"3879639" and (trip same signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 13:24
S17 6	0	"3879639" and (impedance same measure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 13:25
S17 7	0	"3879639" and (impedance same estimate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 13:25
S17 8	1	"3879639" and (impedance same monitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 14:50
S17 9	18532	resonant same (ground ajd neutral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 14:50

S18 0	20	resonant same (ground adj neutral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 15:21
S18 1	0	S180 and microcontroller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 15:21
S18 2	303	microcontroller same resonant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 15:22
S18 3	1	S182 and (ground adj neutral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 15:22
S18 4	213	S182 and (ping pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 15:22
S18 5	83	S184 and (oscillation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 15:23
S18 6	1	S185 and (ground adj neutral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 15:23
S18 7	8	S185 and fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 16:43
S18 8	150	(microcontroller and (neutral near ground))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 16:44
S18 9	76	S188 and fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 16:45

S19 0	0	S189 and (oscil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 16:45
S19 1	9	S189 and (oscillation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 16:50
S19 2	0	S191 and damp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/27 18:34